L.E.M.

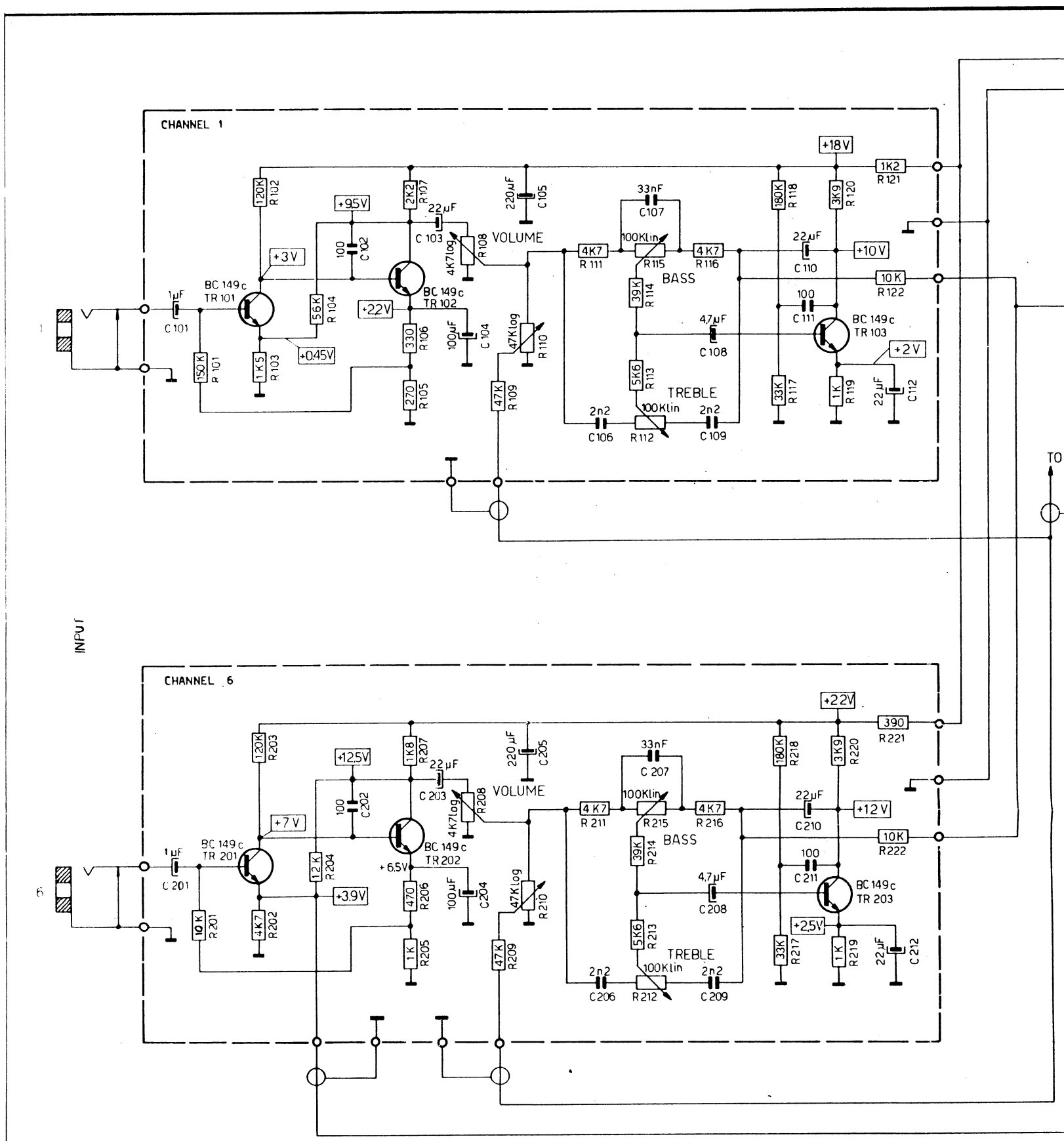
S. Giovanni in Marignano (FO) - ITALY

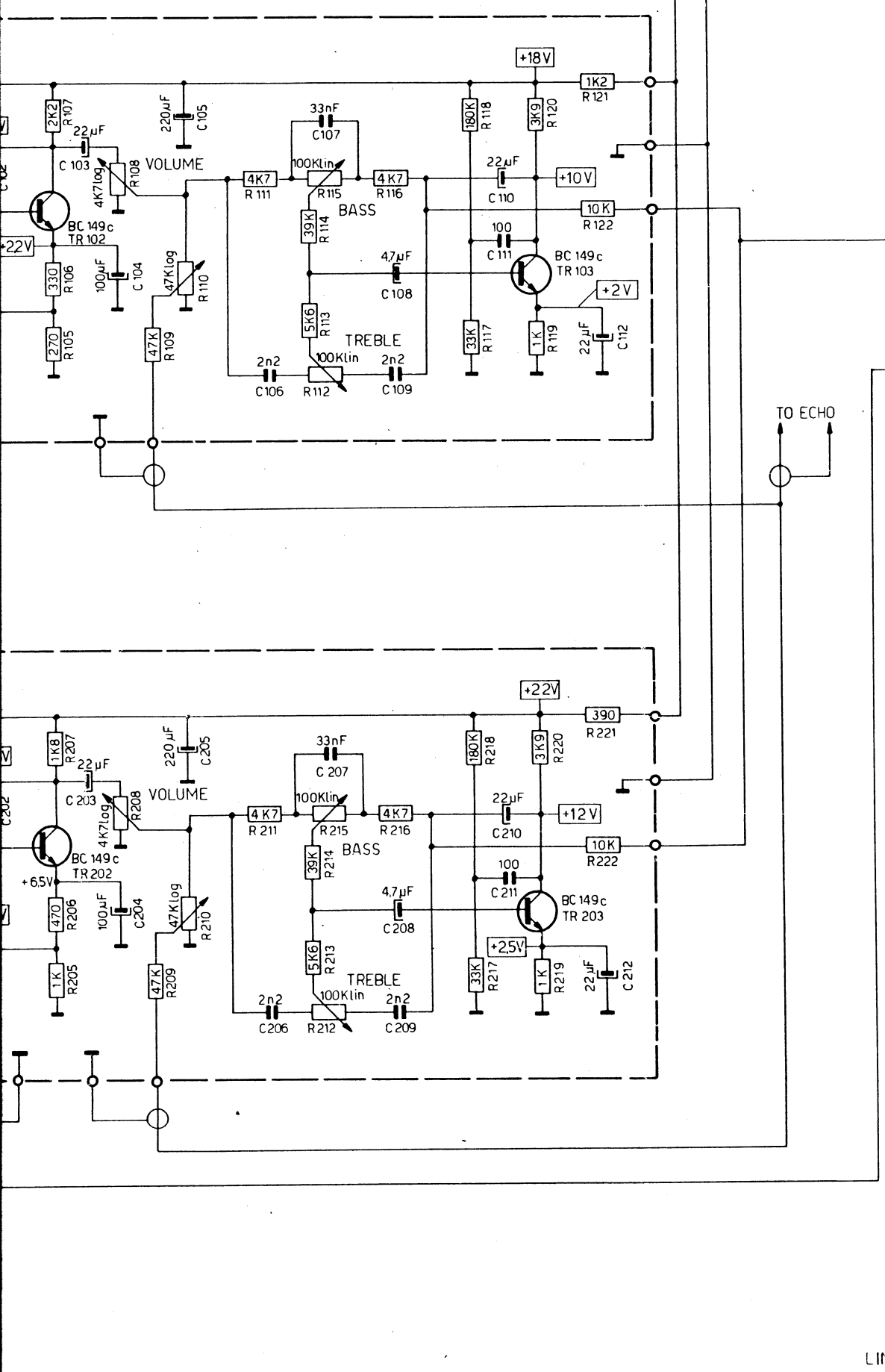
BABY 150 W P.A. System

CARATTERISTICHE TECNICHE:
MIXER:
n. 6 canali indipendenti sbilanciati (prese Jack)
SU OGNI CANALE:
Comando di volume
TONI BASSI: ± 18 dB 40 Hz
TONI ALTI: ± 18 dB 18K Hz
SENSIBILITA' D'INGRESSO: 5mV
IMPEDENZA D'INGRESSO: 50/200 OHM
Il canale 6 può essere commutato ad alta o bassa sensibilità; quest'ultima è di 50 mV
SEGNALE DI USCITA: 150mV (presa Jack)
IMPENDENZA DI USCITA: 20K OHM
SUL CANALE MASTER:
Comando di volume
TONI BASSI: ± 18 dB 40 Hz
TONI ALTI: ± 18 dB 18K Hz
ECO A NASTRO: quattro possibilità di eco selezionabile mediante pulsantiera, controlli di volume - ripetizione
AMPLIFICATORE
Potenza 150 W R.M.S. su 4 ohm (prese Jack)
Distorsione inferiore a 1%
TENSIONE DI ALIMENTAZIONE: 220/240 VAC - 50/60 Hz
POTENZA ASSORBITA: 250 VA
DIMENSIONI: 345 × 150 × 400
PESO: Kg. 16
ACCESSORI IN DOTAZIONE:
n.1 Cavo rete

BABY 150 W P.A. System

SPECIFICATIONS:
MIXER:
n. 6 unbalanced indipendent channels (Jack type plug)
ON EACH CHANNEL:
Volume control
BASS: ± 18 db 40 Hz
TREBLE: ± 18 db 18K Hz
INPUT SENSITIVITY: 5 mv
IMPEDANCE OF INPUT: 50/200 ohm
The sixth channel can be high or low sensitivity - the latter being 50mv
OUTPUT SIGNAL: 150 mv (Jack type plug)
IMPEDANCE OF OUTPUT: 20K ohm
ON THE MASTER CHANNEL:
Volume control
BASS: ± 18 db 40 Hz
TREBLE: ± 18 db 18K Hz
TAPE ECHO: 4 types of echo on switch selection, volume controls - ripetition
AMPLIFIER:
Power 150W RMS over 4 ohm (Jack type plug)
Distortion 1%
POWER SUPPLY: 220/240 VAC - 50/60 Hz
ABSORBED POWER: 250 VA
DIMENSIONS: 345 × 150 × 400
WEIGHT: Kg 16
ACCESSORIES:
n. 1 power supply cable


CHANNEL 1
+18V
1K2 R121
120K R102
2K2 R107
22µF C 103
220µF C105
33nF C107
180K R118
3K9 R120
+9.5V
100 C102
VOLUME
4K7log R108
4K7 R111
100Klin R115
4K7 R116
22µF C110
+10V
+3V
BC 149c TR 101
1µF C 101
56K R104
+22V
BC 149c TR 102
39K R114
BASS
10K R122
100 C111
4,7µF C108
BC 149c TR 103
+2V
330 R106
100µF C104
47Klog R110
150K R101
1K5 R103
+0.45V
270 R105
47K R109
5K6 R113
TREBLE
2n2 C106
100Klin R112
2n2 C109
33K R117
1K R119
22µF C112
TO
INPUT
CHANNEL 6
+22V
390 R221
120K R203
1K8 R207
220µF C205
33nF C 207
180K R218
3K9 R220
+12.5V
100 C202
22µF C 203
VOLUME
4K7log R208
4 K7 R 211
100Klin R215
4K7 R216
22µF C210
+12 V
+7 V
BC 149c TR 201
1µF C 201
1.2K R204
BC 149c TR 202
+6.5V
39K R214
BASS
10K R222
100 C211
4.7µF C208
BC 149c TR 203
+3.9V
470 R206
100µF C204
47Klog R210
10K R201
4K7 R202
1K R205
47K R209
5K6 R213
TREBLE
+2.5V
2n2 C206
100Klin R212
2n2 C209
33K R217
1K R219
22µF C212


+18V
1K2 R121
2K2 R107
22µF
C 103
4K7log R108
VOLUME
220µF C105
33nF C107
100Klin R115
4K7 R111
4K7 R116
BASS
39K R114
5K6 R113
TREBLE
100Klin R112
2n2 C106
2n2 C109
180K R118
3K9 R120
22µF C110
+10V
10K R122
100 C111
47µF C108
BC 149c TR 103
+2V
22µF C112
33K R117
1K R119
BC 149c TR 102
+22V
330 R106
100µF C104
47Klog R110
270 R105
47K R109
TO ECHO
1K8 R207
C 203
4K7log R208
VOLUME
220µF C205
33nF C 207
100Klin R215
4K7 R211
4K7 R216
BASS
39K R214
5K6 R213
TREBLE
100Klin R212
2n2 C206
2n2 C209
180K R218
3K9 R220
22µF C210
+12V
10K R222
100 C211
4,7µF C208
BC 149c TR 203
+2,5V
22µF C212
33K R217
1K R219
390 R221
+22V
BC 149c TR 202
+6,5V
470 R206
100µF C204
47Klog R210
1K R205
47K R209
LINE OUTPUT
MASTER
120K R303
+9V
2K2 R308
22µF C304
220µF C306
VOLUME
4K7log R309
4K7 R310
+4V
100 C303
BC 149c TR 301
BC 149c TR 302
+3,4V
1µF C301
15K R305
560 R307
100µF C305
+1V
150K R301
1K5 R302
470 R306
2n2 C307
FROM ECHO
AUX
MIC
320 R 304
100µF C302
150 W POWER AMPLIFIER
ALL RESISTORS 1/2 W
R406 3K9
3300µF C404
1W 2K7 R409
+1,1V
TIP29C TR 407
+22V
+21V
1W 2K7 R 410
TR 409 MJ802
47µF C402
D401 ZPD 22
100µF C406
1N4002 D403
R405 10K
BC 301 TR 406
R415 330
4,7µF C409
+0,6V
100 R404
+0,6V
R402 1K8
TR 401 BC556
TR 402 BC 556
R408 18K
R414 150
R419 47
D407
R401 18K
180 C401
R407 100
100µF C403
BC 303 TR404
R418 150
D406
D405
R417 220
R416
47
D402 1N4002
R413
D404 1N4002
-1,2V
100 C405
TIP 30 C TR 405
TR 408 MJ802
-39V
TIP 29C TR 403
R403 680
R412 47
-40V
R411 47
WHEN DIODES D 405-406-407 ARE 10337 R 413 IS 220 Ω
WHEN DIODES D 405-406-407 ARE 1N3754 R 413 IS 100 Ω
220µF C 407
3300µF C 408

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MASTER

+18V

1K2 R320

120K R303 | +9V | 2K2 R308 | 22µF C304 | 220µF C306 | 33nF C308 | 180K R317 | 3K9 R319

+4V | 100 C303 | VOLUME 4K7 log R309 | 4K7 R310 | 100K lin R314 | 4K7 R315 | 22µF C311 | +10V

BC 149c TR 301 | 1µF C301 | 15K R305 | BC 149c TR 302 | +34V | 39K R313 | BASS | 100 C312 | BC 149c TR 303

+1V | 560 R307 | 100µF C305 | 4.7µF C309 | +2V

FROM ECHO | 150K R301 | 1K5 R302 | 470 R306 | 5K6 R312 | TREBLE | 33K R316 | 1K R318 | 22µF C313

AUX | 2n2 C307 | 100K lin R311 | 2n2 C310

TO ECHO | MIC | 320 R304 | 100µF C302

MIXER POWER SUPPLY

1/2 W 220 | 1/2 W 220 | 1000 µF | 1000 µF

150 W POWER AMPLIFIER — ALL RESISTORS 1/2 W

R406 3K9 | 3300µF C404 | 1W 2K7 R409 | +1.1V | TIP 29C TR 407 | TR 409 MJ 802

+22V | 47µF C402 | D401 ZPD 22 | +21V | 1W 2K7 R410 | 100µF C406 | 1N 4002 D403

R405 10K | BC 301 TR 406 | R415 330 | +41V | B 80 C 2200 | 240 V

4,7µF C409 | +0.6V | 100 R404 | +0.6V | 220 V.A.C. TO ECHO MOTOR

R402 1K8 | TR 401 BC 556 | TR 402 BC 556 | R408 18K | R414 150 | R419 4.7 | D407 | R421 0.15 5W | 0V | 1.5 A SLO-BLO

R401 18K | 180 C401 | R407 100 | 100µF C403 | BC 303 TR 404 | R418 150 | D406 | D405 | R420 0.15 5W | 5 A SLO-BLO | AC-IN

R417 220 | R416 47 | 0.1µF C410

D402 1N4002 | R413 | D404 1N4002 | R422 18 5W | 16.031

-1.2V | 100 C405 | TIP 30 C TR 405 | 30 V.A.C. TO ECHO

-39V | TIP 29C TR 403 | TR 408 MJ 802 | OUTPUT 4 OHM

R403 680 | R412 47

-40V | R411 47 | -41V

WHEN DIODES D 405-406-407 ARE 10337 R 413 IS 220 Ω

WHEN DIODES D 405-406-407 ARE 1N3754 R 413 IS 100 Ω

220µF C407 | 3300µF C408

LINE OUTPUT

	DATA	SIGLA	SCALA	NOTE:	OLEM S. GIOVANNI IN M.
DISEGN.	5-5-76	Rossetti			
CONTR.					
VISTO					

N° LE 1046	BABY 150 W P.A. SISTEM
MATERIALE	
TRATTAMENTO	
SOSTITUISCE IL N.	TOLLERANZA GENERALE

GEM 71